

Digital Psychiatry

The session will explore different modalities employed in the digital realm for management of mood disorders and psychiatric illness in general. Dr David Mischoulon will present a short overview and commentary about the potential benefits and liabilities that may result from increased digital technology application in psychiatry. Dr Paola Pedrelli will present feasibility results from the Sensor-Based Characterization of Depression (SENSCODE) study, which employs machine learning and artificial intelligence to digitally phenotype depression using various devices, including wearable wrist sensors and smartphones. Dr Aderonke Pederson will present on user centered design results for the development of a mobile mental health app that leverages story telling and lived experience to address medical mistrust and reduce mental illness stigma for underserved communities. Dr. Kate Bentley will present the results from a recent micro-randomized trial for digital just-in-time interventions for suicide risk reduction during the post-hospitalization period. Dr Richard Liu will present on a study of social stressors and suicidal ideation in an adolescent clinical sample, using ecological momentary assessment.